

1                   **LIST OF CLAIMS / AMENDMENTS**

2                   **In the Claims**

3                   Please cancel claims 3, 12, 19-20, 25-31, and 36 without prejudice.  
4  
5                   Claims 25-31 are canceled as non-elected claims in response to a telephone call  
6                   from the Examiner on August 25, 2005 for a restriction requirement election  
7                   (*Office Action* p.2).

8                   Please amend claims 1, 4-8, 11, 16, 23, 32, and 37-41 as shown herein.

9                   Claims 1-2, 4-11, 13-18, 21-24, 32-35, and 37-74 are pending and are listed  
10                  following:

11  
12                  1. (currently amended) An enterprise network architecture, comprising:  
13                   a first network system including one or more first network system domains;  
14                   a second network system including one or more second network system  
15                  domains, the second network system being autonomous from the first network  
16                  system such that the first network system domains are administratively  
17                  independent from the second network system domains; and  
18                   a trust link between a first network system root domain and a second  
19                  network system root domain, the trust link configured to provide transitive  
20                  resource access between the one or more first network system domains and the  
21                  one or more second network system domains where the transitive resource access  
22                  includes remote authentication such that an account managed by the second  
23                  network system can initiate a request for authentication via a first network system  
24                  domain.

1  
2. (original) An enterprise network architecture as recited in  
3 claim 1, wherein:

4 the first network system root domain is configured for communication with  
5 the one or more first network system domains;

6 the second network system root domain is configured for communication  
7 with the one or more second network system domains; and

8 the trust link is further configured to provide transitive security associations  
9 between the one or more first network system domains and the one or more second  
10 network system domains.

11  
12 3. (canceled)

13  
14 4. (currently amended) An enterprise network architecture as  
15 recited in claim 1, wherein the transitive resource access includes the remote  
16 authentication to access a resource managed in the second network system, such  
17 that an the account managed by the second network system can initiate [[a]] the  
18 request for authentication to access the resource via [[a]] the first network system  
19 domain.

1       5. (currently amended) An enterprise network architecture as  
2 recited in claim 1, wherein:

3             [[a]] the first network system domain includes a first domain controller;  
4             a second network system domain includes a second domain controller; and  
5             an account managed by the second domain controller can initiate [[a]]  
6             the request for remote network authentication via the first domain controller.

7       6. (currently amended) An enterprise network architecture as  
8 recited in claim 1, wherein:

9             [[a]] the first network system domain includes a first domain controller;  
10          a second network system domain includes a second domain controller; and  
11          an account managed by the second domain controller can initiate [[a]]  
12          the request for authentication to access a resource managed in the second network  
13          system, the request for authentication communicated from the first domain  
14          controller to the second network system via the trust link.

1       **7. (currently amended)** An enterprise network architecture as  
2 recited in claim 1, wherein:

3              the first network system root domain is configured for communication with  
4 the one or more first network system domains, an individual first network system  
5 domain including a first domain controller;

6              the second network system root domain is configured for communication with  
7 the second network system domains, an individual second network system  
8 domain including a second domain controller; and

9              an the account managed by the second domain controller can initiate [[a]]  
10             the request for authentication to access a resource managed by the second domain  
11             controller, the request for authentication communicated from the first domain  
12             controller to the second domain controller via the first network system root  
13             domain, the trust link, and the second network system root domain.

14  
15       **8. (currently amended)** An enterprise network architecture as  
16 recited in claim 1, wherein the trust link is a one-way trust link initiated by an  
17 administrator of the first network system, and wherein an the account in the  
18 second network system can access resources in the first network system.

19  
20       **9. (original)** An enterprise network architecture as recited in  
21 claim 1, wherein the trust link is a one-way trust link initiated by an administrator  
22 of the first network system, the one-way trust link configured to provide transitive  
23 resource access from the second network system domains to the first network  
24 system domains.

1       **10. (original)** An enterprise network architecture as recited in  
2 claim 1, wherein the trust link is a two-way trust link initiated by a first network  
3 system administrator and by a second network system administrator, and wherein  
4 the transitive resource access is automatically configured when the trust link is  
5 established.

6  
7       **11. (currently amended)** An enterprise network architecture as  
8 recited in claim 1, wherein the first network system is configured to determine  
9 from the trust link where to communicate a request for a resource, the request  
10 received from ~~an~~ the account managed in the first network system and the resource  
11 maintained by the second network system.

12  
13       **12. (canceled)**

14  
15       **13. (original)** An enterprise network architecture as recited in  
16 claim 1, wherein the first network system is configured to receive a request to  
17 logon to the second network system and determine from the trust link where to  
18 communicate the request, and wherein the second network system is configured to  
19 authenticate the request.

20  
21       **14. (original)** An enterprise network architecture as recited in  
22 claim 1, wherein the trust link is a data structure configured to maintain  
23 namespaces corresponding to trusted network system domain components.

1       **15. (original)** An enterprise network architecture as recited in  
2 claim 1, wherein the trust link includes a first network system data structure and a  
3 second network system data structure, the first network system data structure  
4 configured to maintain trusted namespaces corresponding to the second network  
5 system, and the second network system data structure configured to maintain  
6 trusted namespaces corresponding to the first network system.

7  
8       **16. (currently amended)** An enterprise network architecture as  
9 recited in claim 1, wherein the trust link is a data structure configured to maintain  
10 namespaces corresponding to the second network system, and wherein the first  
11 network system is configured to:

12              maintain the data structure; and  
13              automatically designate which of the namespaces are trusted by the first  
14 network system.

15  
16       **17. (original)** An enterprise network architecture as recited in  
17 claim 1, wherein the trust link is a data structure maintained by the first network  
18 system, the data structure configured to maintain namespaces corresponding to  
19 trusted second network system domain components, and the trusted second  
20 network system domain components being designated as trusted by a first network  
21 system administrator.

1           **18. (original)** An enterprise network architecture as recited in  
2 claim 1, wherein the trust link is a data structure maintained by the first network  
3 system, the data structure configured to maintain trusted namespaces  
4 corresponding to the second network system, and wherein the first network system  
5 is configured to receive a request to logon to the second network system and  
6 determine from the trusted namespaces where to communicate the request.

7           **19-20. (canceled)**

8           **21. (original)** An enterprise network architecture as recited in  
9 claim 1, wherein the first network system is configured to:

10           receive an account request to logon to the second network system;  
11           determine from the trust link where to communicate the account request;  
12           and  
13           provide a security identifier to the second network system, the security  
14 identifier corresponding to the account.

1       **22. (original)** An enterprise network architecture as recited in  
2 claim 1, wherein:

3              the first network system is configured to determine from the trust link  
4 where to communicate a service account request to access a resource maintained  
5 by the second network system;

6              the first network system is further configured to provide a security  
7 identifier to the second network system, the security identifier corresponding to a  
8 user account maintained by the first network system; and

9              the second network system is configured to determine from the trust link  
10 whether to trust the security identifier to authorize the service account request.

11  
12       **23. (currently amended)** An enterprise network architecture as  
13 recited in claim 1, wherein the trust link is a data structure maintained by the first  
14 network system, the data structure configured to maintain trusted namespaces  
15 corresponding to the second network system, and wherein the first network system  
16 is configured to:

17              determine from the trusted namespaces where to communicate a logon  
18 request received from ~~an~~ the account managed in the second network system; and

19              provide a security identifier to the second network system, the security  
20 identifier corresponding to the account.

1           **24. (original)** An enterprise network architecture as recited in  
2 claim 1, wherein the trust link is a data structure maintained by the first network  
3 system, the data structure configured to maintain trusted namespaces  
4 corresponding to the second network system, and wherein:

5                 the first network system is configured to determine from the trusted  
6 namespaces where to communicate a service account request to access a resource  
7 maintained by the second network system;

8                 the first network system is further configured to provide a security  
9 identifier to the second network system, the security identifier corresponding to a  
10 user account maintained by the first network system; and

11                 the second network system is configured to determine from the trusted  
12 namespaces whether to trust the security identifier to authorize the service account  
13 request.

14  
15           **25-31. (canceled)**

1           **32. (currently amended)** A network system domain, comprising:  
2            a root domain controller communicatively linked with one or more network  
3            system domains in a first network system; and  
4            a trusted domain component configured to define a trust link between the  
5            root domain controller and a second network system root domain controller, the  
6            second network system root domain controller communicatively linked with one  
7            or more second network system domains that are administratively independent  
8            from the first network system domains, and the trust link being configured to  
9            provide transitive resource access between the first network system domains and  
10           the second network system domains, the trusted domain component being further  
11           configured to provide remote network authentication such that an account  
12           managed by a second network system domain can initiate a request for  
13           authentication via a first network system domain.

14  
15           **33. (original)** A network system domain as recited in claim 32,  
16           wherein the root domain controller is configured to create the trusted domain  
17           component when the trust link is initiated.

18  
19           **34. (original)** A network system domain as recited in claim 32,  
20           wherein the root domain controller is configured to establish the transitive  
21           resource access between the first network system domains and the second network  
22           system domains when the trust link is initiated.

1           **35. (original)** A network system domain as recited in claim 32,  
2 wherein the trusted domain component defines a one-way trust link from the root  
3 domain controller to the second network system root domain controller.

4  
5           **36. (canceled)**

6  
7           **37. (currently amended)** A network system domain as recited in  
8 claim 32, wherein the trusted domain component is further configured to provide  
9 the remote network authentication to access a resource managed by [[a]] the  
10 second network system domain, such that ~~an~~ the account managed by [[a]] the first  
11 network system domain can initiate a request to access the resource ~~via~~ the  
12 ~~network system domain~~, the request communicated from the root domain  
13 controller to the second network system root domain controller via the trust link.

14  
15          **38. (currently amended)** A network system domain as recited in  
16 claim 32, wherein the root domain controller is configured to determine from the  
17 trusted domain component where to communicate [[a]] the request for  
18 authentication received from ~~an~~ the account managed by [[a]] the second network  
19 system domain.

20  
21          **39. (currently amended)** A network system domain as recited in  
22 claim 32, wherein the trusted domain component is configured to indicate where  
23 to communicate [[a]] the request for authentication received from ~~an~~ the account  
24 managed by [[a]] the second network system domain.

1  
2       **40. (currently amended)** A network system domain as recited in  
3 claim 32, wherein the root domain controller is configured to determine from the  
4 trusted domain component where to communicate a request for a resource, the  
5 request received from ~~an~~ the account managed by [[a]] the second network system  
6 domain and the resource maintained by the second network system domain.

7  
8       **41. (currently amended)** A network system domain as recited in  
9 claim 32, wherein the root domain controller is configured to receive a request to  
10 logon to [[a]] the second network system domain, and determine from the trusted  
11 domain component to communicate the request to the second network system root  
12 domain controller via the trust link.

13  
14       **42. (original)** A network system domain as recited in claim 32,  
15 wherein the trusted domain component is a data structure configured to maintain  
16 trusted namespaces corresponding to the second network system.

17  
18       **43. (original)** A network system domain as recited in claim 32,  
19 wherein the trusted domain component is a data structure configured to maintain  
20 namespaces corresponding to trusted second network system domain components.

1           **44. (original)** A network system domain as recited in claim 32,  
2 wherein the trusted domain component is a data structure configured to maintain  
3 namespaces corresponding to the second network system, and wherein the root  
4 domain controller is configured to maintain the data structure and automatically  
5 designate which of the namespaces are trusted by the first network system.

6  
7           **45. (original)** A network system domain as recited in claim 32,  
8 wherein the trusted domain component is a data structure maintained by the root  
9 domain controller, the data structure configured to maintain namespaces  
10 corresponding to the second network system, and the namespaces being  
11 designated as trusted by a network system administrator.

12  
13          **46. (original)** A network system domain as recited in claim 32,  
14 wherein the trusted domain component is a data structure maintained by the root  
15 domain controller, the data structure configured to maintain trusted namespaces  
16 corresponding to the one or more second network system domains, and wherein  
17 the root domain controller is configured to receive a request to logon to the second  
18 network system and determine from the trusted namespaces where to  
19 communicate the request.

1       47. (original) A network system domain as recited in claim 32,  
2 wherein the trusted domain component is a data structure configured to maintain  
3 trusted namespaces corresponding to the second network system, and wherein the  
4 root domain controller is configured to determine from the trusted namespaces  
5 where to communicate a request for a resource, the request received from an  
6 account managed by the root domain controller and the resource maintained by a  
7 second network system domain.

8       48. (original) A network system domain as recited in claim 32,

9 wherein:

10           the trusted domain component is a data structure configured to maintain  
11 trusted namespaces corresponding to the second network system;

12           the root domain controller is configured to determine from the trusted  
13 namespaces where to communicate a request for a resource, the request received  
14 from an account managed by the root domain controller and the resource  
15 maintained by a second network system domain; and

16           the second network system is configured to authorize the request for the  
17 resource.

1       **49. (original)** A network system domain as recited in claim 32,  
2       wherein the root domain controller is configured to:

3              receive an account request to logon to a second network system domain;  
4              determine from the trusted domain component where to communicate the  
5       account request; and

6              provide a security identifier to the second network system domain  
7       controller, the security identifier corresponding to the account.

8  
9       **50. (original)** A network system domain as recited in claim 32,  
10      wherein the trusted domain component is a data structure maintained by the  
11     domain controller, the data structure including trusted namespaces corresponding  
12     to the second network system, and wherein the root domain controller is  
13     configured to:

14              determine from the trusted namespaces where to communicate a logon  
15       request received from an account managed by a second network system; and

16              provide a security identifier to the second network system domain  
17       controller, the security identifier corresponding to the account.

1       **51. (original)** A first network system domain controller performing a  
2 method comprising:

3             establishing a trust link with a second network system domain controller to  
4 provide transitive resource access between domains in a first network system and  
5 domains in a separate, autonomous second network system;

6             receiving an authentication request from an account managed by a domain  
7 in the second network system; and

8             determining to authenticate the request via the trust link.

9  
10       **52. (original)** A method as recited in claim 51, wherein establishing  
11 the trust link comprises:

12             receiving network system identifiers corresponding to the second network  
13 system;

14             creating a data structure to maintain the network system identifiers; and

15             designating which of the network system identifiers to trust.

16  
17       **53. (original)** A method as recited in claim 51, wherein establishing  
18 the trust link comprises:

19             receiving namespaces corresponding to the second network system;

20             creating a data structure to maintain the namespaces; and

21             designating which of the namespaces to trust.

1       **54. (original)** A method as recited in claim 51, wherein establishing  
2 the trust link comprises:

3             receiving network system identifiers corresponding to the second network  
4 system;  
5             creating a data structure to maintain the network system identifiers;  
6             determining whether to trust an individual network system identifier; and  
7             designating in the data structure whether to trust the individual network  
8 system identifier.

9 .  
10      **55. (original)** A method as recited in claim 51, wherein establishing  
11 the trust link comprises:

12             receiving namespaces corresponding to the second network system;  
13             creating a data structure to maintain the namespaces;  
14             determining whether to trust an individual namespace; and  
15             designating in the data structure whether to trust the individual namespace.

16 .  
17      **56. (original)** A method as recited in claim 51, wherein establishing  
18 the trust link comprises:

19             receiving network system identifiers corresponding to the second network  
20 system;  
21             comparing a received network system identifier with existing network  
22 system identifiers to determine whether to accept the received network system  
23 identifier; and  
24             creating a data structure to maintain accepted network system identifiers.

1  
2       **57. (original)** A method as recited in claim 51, wherein establishing  
the trust link comprises:

3             receiving namespaces corresponding to the second network system;  
4             comparing a received namespace with existing namespaces to determine  
5             whether to accept the received namespace; and  
6             creating a data structure to maintain accepted namespaces.

7  
8       **58. (original)** A method as recited in claim 51, wherein establishing  
the trust link comprises receiving network system identifiers corresponding to the  
10 second network system and designating which of the network system identifiers to  
trust, and wherein determining comprises comparing a component of the request  
12 with the network system identifiers to determine that the account is managed in  
13 the second network system.

14  
15      **59. (original)** A method as recited in claim 51, further comprising  
providing a security identifier corresponding to the account to the first network  
17 system domain controller, the first network system domain controller comparing  
the security identifier with stored network system identifiers to determine whether  
19 the security identifier is valid.

1       **60. (original)** A first network system domain controller performing a  
2 method comprising:

3             establishing a trust link with a second network system domain controller to  
4 provide transitive resource access between domains in a first network system and  
5 domains in a separate, autonomous second network system;

6             receiving a resource request from an account managed by the first network  
7 system domain controller;

8             determining to communicate the resource request to the second network  
9 system; and

10            communicating the resource request to the second network system domain  
11 controller via the trust link.

12       **61. (original)** A method as recited in claim 60, wherein establishing  
13 the trust link comprises:

14            receiving network system identifiers corresponding to the second network  
15 system;

16            creating a data structure to maintain the network system identifiers; and  
17            designating which of the network system identifiers to trust.

18       **62. (original)** A method as recited in claim 60, wherein establishing  
19 the trust link comprises:

20            receiving namespaces corresponding to the second network system;

21            creating a data structure to maintain the namespaces; and

22            designating which of the namespaces to trust.

1  
2       **63. (original)** A method as recited in claim 60, wherein establishing  
3 the trust link comprises receiving network system identifiers corresponding to the  
4 second network system and designating which of the network system identifiers to  
5 trust, and wherein determining comprises comparing a component of the request  
6 with the network system identifiers to determine that the resource is managed in  
7 the second network system.

8  
9       **64. (original)** A method as recited in claim 60, further comprising  
10 providing a security identifier corresponding to the account to the first network  
11 system domain controller, the first network system domain controller comparing  
12 the security identifier with stored network system identifiers to determine whether  
13 the security identifier is valid.

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1       **65. (original)** One or more computer-readable media comprising  
2 computer-executable instructions that, when executed, direct a first network  
3 system domain controller to perform a method comprising:

4             establishing a trust link with a second network system domain controller to  
5 provide transitive resource access between domains in a first network system and  
6 domains in a separate, autonomous second network system;

7             receiving a resource request from an account managed by a domain  
8 controller in the second network system;

9             determining to communicate the resource request to the second network  
10 system; and

11             communicating the resource request to the second network system domain  
12 controller via the trust link.

13       **66. (original)** One or more computer-readable media as recited in  
14 claim 65, wherein establishing the trust link comprises:

15             receiving network system identifiers corresponding to the second network  
16 system;

17             creating a data structure to maintain the network system identifiers; and  
18             designating which of the network system identifiers to trust.

1       **67. (original)** One or more computer-readable media comprising  
2 computer-executable instructions that, when executed, direct a domain controller  
3 in a first network system to perform a method comprising:

4             requesting network system identifiers corresponding to a second network  
5 system to create a trust link between the first network system and the second  
6 network system, the second network system being autonomous from the first  
7 network system;

8             determining whether to accept the network system identifiers;

9             designating accepted network system identifiers as trusted with trust  
10 indicators; and

11             creating a data structure to maintain the accepted network system identifiers  
12 and corresponding trust indicators.

13  
14       **68. (original)** One or more computer-readable media as recited in  
15 claim 67, wherein determining comprises comparing an individual network system  
16 identifier with existing network system identifiers and rejecting the individual  
17 network system identifier if it is a duplicate of an existing network system  
18 identifier.